

Application No.: 09/913687

Case No.: 54769US008

Applicant did intend to cancel original claim 11. The renumbering of the new claims 12-25 is noted.

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1.(previously presented) A method of producing a substrate for a plasma display panel by providing a rib on a base, which comprises the steps of:

contacting a rib precursor containing a first photo-setting initiator having a first absorption edge and a first photo-setting component closely with said base;

filling a mold, obtained by photo-setting of a second photo-setting initiator having a second absorption edge whose wavelength is shorter than a wavelength corresponding to said first absorption edge of said first photo-setting initiator, with said rib precursor;

exposing said rib precursor to light having a wavelength longer than a wavelength corresponding to said second absorption edge, thereby setting said rib precursor; and

removing said mold.

12.(previously presented) The method according to claim 1, wherein the base and mold are transparent and exposure of the rib precursor to light is conducted via the base and mold.

13. (previously presented) The method according to claim 1, wherein the mold is flexible.

14. (previously presented) The method according to claim 1, wherein the first photo-setting initiator has the first absorption edge corresponding to a wavelength of 400 to 500 nm and the second photo-setting initiator has the second absorption edge corresponding to a wavelength of 300 to 400 nm.

15. (previously presented) The method according to claim 1, wherein the first photo-setting component and second photo-setting component are acrylic resin.

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16. (previously presented) The method according to claim 1, wherein the rib precursor contains a powder of ceramic and optionally contains a powder of glass.

17. (previously presented) A method of producing a substrate for a plasma display panel by providing a rib on a base, which comprises the steps of

filling a mold, obtained by photo-setting of a second photo-setting initiator having a second absorption edge whose wavelength is shorter than a wavelength corresponding to said first absorption edge of said first photo-setting initiator, with a rib precursor containing a first photo-setting initiator having a first absorption edge and a first photo-setting component,

contacting said rib precursor closely with said base,

exposing said rib precursor to light having a wavelength longer than a wavelength corresponding to said second absorption edge, thereby setting said rib precursor, and

removing said mold.

18. (previously presented) The method according to claim 17, wherein the base and mold are transparent and exposure of the rib precursor to light is conducted via the base and mold.

19. (previously presented) The method according to claim 17, wherein the mold is flexible.

20. (previously presented) The method according to claim 17, wherein the first photo-setting initiator has the first absorption edge corresponding to a wavelength of 400 to 500 nm and the second photo-setting initiator has the second absorption edge corresponding to a wavelength of 300 to 400 nm.

21. (previously presented) The method according to claim 18, wherein the first photo-setting component and second photo-setting component are acrylic resin.

22. (previously presented) The method according to claim 17, wherein the rib precursor contains a powder of ceramic and optionally contains a powder of glass.

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23. (previously presented) An assembly of a mold for making a substrate for a plasma display panel comprising a base and ribs, said mold having concave portions, and a rib precursor for forming said ribs said rib precursor being disposed in said concave portions of said mold and containing a first photo-setting initiator having a first absorption edge and a first photo-setting component, said mold being obtained by photo-setting a second photo-setting component in the presence of a second photo-setting initiator having an absorption edge whose wavelength is shorter than a wavelength corresponding to said first absorption edge of said first photo-setting initiator.

24. (previously presented) The assembly according to claim 23, wherein said mold is flexible.

25. (previously presented) The assembly according to claim 24, wherein said mold is transparent.